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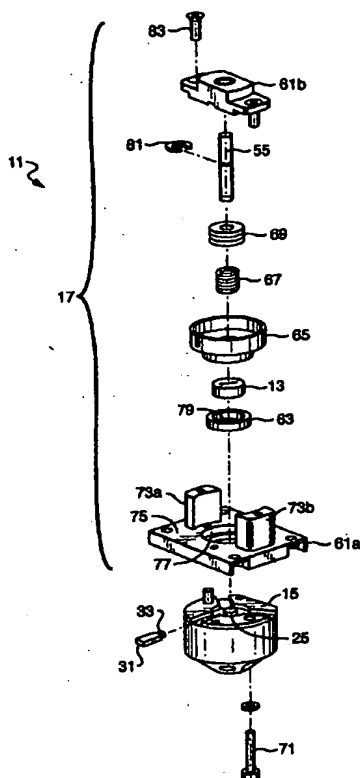
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(54) Title: VALVE WITH LOW FRICTION COATING



(57) Abstract: Embodiments of the present invention feature a method and device for controlling the flow of fluid. One embodiment of the device for controlling the flow of fluid comprises a rotor, stator and compression means. The rotor has a rotor fluid communication means and at least one rotor load bearing surface. The rotor load bearing surface sealably engages a stationary load bearing surface. The rotor is capable of assuming a first position and a second position by rotation. The stator has a stationary load bearing surface having stator fluid communication means. The stationary load bearing surface sealably engages the rotor load bearing surface and permits rotation of the rotor with respect to the stator. At least one of the rotor bearing surface and said stator load bearing surface has a diamond-like carbon-silica coating.

WO 2005/093300 A1



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